22. M/s Nashik Motor Driving School, 431, Wakilwadi, Near Ashok Stambh, Nashik-422001, Maharashtra.

23. M/s TRIDHARA, Budhithakurani, Tulasipur, Cuttack-753008, Orissa.

24. M/s SUPRATIVA, At/PO. Fakirpada via Biribati, Distt Cuttack, Orissa-754100.

25. M/s Sikkim Motor Training & Engineering Institute, Sichay, Gangtok,Sikkim-737101.

26. M/s Sudha Akhil Bhartiya Viklang Kalyan Sansthan, 1st floor, Windlass Shopping Complex, 11-A-Rajpur Road, Dehradun-248001, Uttranchal.

27. M/s Dehati Gramothan Vikas Saimiti, 437, Paschimi Taraus, Maudaha, Post Ragaul, Distt Hamirpur U.P.-210507.

28. M/s Shiva Gramodyog Sewa Sansthan, F-473, Gujaini, Ratan Lal Nagar, Kanpur-208022 (U.P.).

29. M/s Ashok Leyland Driver/Service Training Centre, Vallipuram, Namakkal-637003, Tamil Nadu.

**Early Warning System in Orissa**

994. MS. PRAMILA BOHIDAR:
SHRI B.J. PANDA:

Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

(a)' whether Orissa is an island of natural disaster necessitating establishment of an early warning system;

(b) whether Government are in the process of establishing Tsunami Early Warning System in the country;

(c) if so, whether Chandipur in the district of Balasore in Orissa is the most appropriate place for installation of this warning system;

(d) whether the Central Government would consider installation of Tsunami Early Warning System in the above place or some other suitable place in the State at the earliest; and

(e) if so, the time-frame within which it would be done?

THE MINISTER OF STATE OF THE MINISTRY OF SCIENCE AND TECHNOLOGY (SHRI KAPIL SIBAL): (a) Orissa coast is highly vulnerable

to the cyclonic storms, which is one of the major natural disasters, affecting the east coast of India. Keeping in view the vulnerability of the state, a Cyclone Warning Centre (CWC) was established in Bhubaneswar in 1973 to cater to the needs of Orissa coast, which forms part of time-tested organization for monitoring and forecasting of Tropical Cyclones. For speedy communication of warning messages, about 35 satellite-based Cyclone Warning Dissemination Systems (CWDS) have been installed along Orissa coast through which warning can be directly sent to the people in the affected areas, in local language.

(b) Yes, Sir. Government of India is in the process of setting up an Early Warning system for Tsunamis and Storm Surges in the Indian Ocean. The Department of Ocean Development (DOD), Department of Science and Technology (DST)/lndia Meteorological Department (IMD), Department of Space (DoS) and CSIR Laboratories are the major agencies involved in this endeavour. DOD is the lead agency.

(c) and (d) As part of the Early Warning system for Tsunamis and Storm surges, a centre would be set up at Indian Natural Centre for Ocean Information Services (INCOIS), Hyderabad on a 24x7 basis. The decision to locate the Tsunami Warning Centre at INCOIS, Hyderabad was taken as INCOIS is being developed as an Ocean Services Centre with a view to make optimal utilization of the in-house facilities created at INCOIS including Satellite Oceanography/Satellite Communication. INCOIS is the agency of the Department of Ocean Development and is already providing advisories on Potential Fishing Zone and ocean state parameters.

(e) The system is scheduled to be operational by September, 2007.

**Upgradation of Seismology Department**

995. SHRI N.R.GOVINDARAJAR: Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

(a) whether Government have any plan to upgrade Seismology Department with the latest state of the art electronic equipments to improve its earthquake monitoring network and detect tremors of smaller magnitude;

(b) whether it is a fact that Delhi falls under high seismic category (high risk category); and

(c) if so, the details thereof and the action taken by Government?